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· .	ECCLES, Anthony Phillip U. S. Patent Application No. 08/637,802 September 16, 1998 Page 2			
Sub	1. (Twice Amended) Fire scale compositions comprising: [85.5 - 99.42 % by weight of a composition of the co	silver;] pper; a mixture of zinc and veight; [and] ermanium; and	enable jewelry silver alloy . silicon, wherein said silicon	
	7. (Twice Amended) Fire scale according to claim 1, [wherein a proportion	/		
Dr.	by weight of] further comprising an additional said additive selected from the group constand boron. 8. (Twice Amended) Fire scale	ve in a concentration isting of indium, bord resistant, work hard wherein said [proportion]	of up to 3.5% by weight, on, and a mixture of indium denable jewelry silver alloy rtion of up to 3.5% silver	
\mathcal{D}_3	9. (Three Times Amended) F alloy according to claim 1, [wherein a pro comprising tin in an amount of up to 6% 1	portion of said silver	ork hardenable jewelry silver is replaced by] <u>further</u>	
 				

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	: ;			ation No. 08/6	537,802	1				
	•	September 16 Page 3	5, 1998			- 1				
		rage 3	,							
,	, ;									
DU.	. :	10.	(Twic	æ Amended)	Fire scale resi	stant, work har	denable je	ewelry silve	er allo	у
7 5	:	compositions	in acco	ordance with	claim 9, where	in the tip conte	nt ranges	(is utilized	in an	
	;	amount of] f	rom 0.2	5 to 6% by w	eight.					
•	• ;	21.	(Ame	nded) A met	hod of produci	ng fire scale re	sistant, w	ork harden:	able	
	;	jewelry silve	r alloy	compositions	[according to	claim 1, further	including	() having at	least	:
,	, i	86% by weig	ght silve	er, comprising	the steps of:					
	; .		<u>a)</u>	providing a	master alloy o	comprising cop	per, zinc,	silicon, an	<u>d</u>	
;	:			germanium	i					
•	; 		<u>b)</u>	alloying sil	ver metal with	[a] <u>the</u> master a	alloy, <u>mai</u>	ntaining a	silver	
	. ;				- 1	st 86% by wei				
Nhr.	, i				- 1	by weight of a				
	:			wherein sai	d silicon is/pre	sent in a range	of 0.2 - 2	.% by weig	ht <u>a</u> ı	<u>1d</u>
				0.01 - 2.5%	by weight ge	rmanium [comp	orising cop	pper, zinc s	silicor	1,
•				and german	uium).					
	: 1									
:	. '	22.	(Ame	ended) A met	hod of produci	ing fire scale re	sistant, w	ork harden	able	
	:	jewelry silve	er alloy	compositions	[according to	claim 7, further	r including	g) <u>having a</u>	t leas	Ĺ
	;	86% by wei	ght silve	er, comprisin	g the steps of:					
•			<u>a)</u>	providing	a master alloy	comprising cop	per, zinc,	silicon, bo	oron	
	;			indium and	germanium.					
	, ,		<u>p)</u>	alloying sil	yer metal with	[a] the master	alloy, <u>ma</u>	intaining a	<u>silver</u>	1
				alloy comp	osition of at le	ast 86% by we	ight silver	0.5 - 5.5	<u>% by</u>	
	: :			1						

Received Event (Event Succeeded) 9/16/98 Date: ' ' Time: 9 PM 28 Sender: 312 922 7747 Pages: Subject: Fax Number: Company: SEP. 16. 1998 4:20PM DVORAK & ORUM Type: NO. 5185 P. 4/28 ECCLES, Anthony Phillip U. S. Patent Application No. 08/637,802 September 16, 1998 Page 4 weight copper, 0.07 - 6% by weight of a mixture of zinc and silicon wherein said silicon is present in a range of 0.2 - 2% by weight, 0.01 - 2.5% by weight germanium, and up to 3.5% by weight an additive including a mixture of indium and boron [comprising copper, zinc, silicon, boron, indium and germanium].

23. A method of producing fire scale resistant, work hardenable jewelry silver alloy compositions [according to claim 9, further including] having at least 86% by weight silver, comprising the steps of:

a) providing a master alloy comprising copper, zinc, silicon, boron, indium, germanium and tin.

alloying silver metal with [a] the master alloy, maintaining a silver alloy composition of at least 86% by weight silver, 0.5 - 5.5% by weight copper, 0.07 - 6% by weight of a mixture of zinc and silicon wherein said silicon is present in a range of 0.2 - 2% by weight, 0.01 - 2.5% by weight germanium, up to 3.5% by weight an additive including a mixture of indium and boron, and up to 6% by weight tin [comprising copper, zinc, silicon, boron, indium, germanium and tin].

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